

For Research Use Only

POU4F2 Polyclonal antibody

Catalog Number: 55042-1-AP

4 Publications



Basic Information

Catalog Number:

55042-1-AP

Size:

150ul, Concentration: 280 ug/ml by Nanodrop and 240 ug/ml by Bradford method using BSA as the standard;

Source:

Rabbit

Isotype:

IgG

GenBank Accession Number:

NM_004575

GeneID (NCBI):

5458

UNIPROT ID:

Q12837

Full Name:

POU class 4 homeobox 2

Calculated MW:

43 kDa

Observed MW:

40-44 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:500-1:1000

Applications

Tested Applications:

WB, ELISA

Cited Applications:

WB, IF

Species Specificity:

human, mouse

Cited Species:

human, mouse

Positive Controls:

WB : L02 cells, mouse eye tissue, mouse brain tissue

Background Information

POU4F2, also named as BRN3.2, BRN3B and Brn-3b, belongs to the POU transcription factor family and Class-4 subfamily. It is a transcription factor. POU4F2 may play a role in determining or maintaining the identities of a small subset of visual system neurons. The antibody is specific to POU4F2.

Notable Publications

Author	Pubmed ID	Journal	Application
Zuberwasim Sayyad	34023378	Neurochem Int	WB, IF
Deliang Zhu	32131893	Stem Cell Res Ther	
Zuberwasim Sayyad	29203899	Sci Rep	WB, IF

Storage

Storage:

Store at -20°C. Stable for one year after shipment.

Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

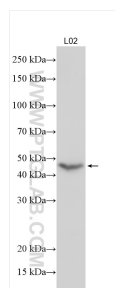
For technical support and original validation data for this product please contact:

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Selected Validation Data



L02 cells were subjected to SDS PAGE followed by western blot with 55042-1-AP (POU4F2 antibody) at dilution of 1:500 incubated at room temperature for 1.5 hours.